



Defense Information Infrastructure Common Operating Environment

Production Engineering Status

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4.2 Release

- **4.2.0.0 Kernel, 4.2.0.0 Kernel P1, ICSF 4.2.0.0 released 7 April**
 - **CDs containing kernel/patch/ICSF shipped beginning 6 April to Service/Agency distribution sites**
 - **Approved segments will be made available on DADS starting 10 April**
 - **As additional segments are validated against the 4.2 kernel, they will be made available on DADS**
 - **There is a late-breaking issue associated with HPPTH 4.1.0.0. Familiarize yourself with it before installing the segment!**

09/03/16



HPPTH 4.1.0.0 Issue

- **PHCO_13540:** If tar encounters a nonfatal error while processing a file, it prints an error message and continues processing the remaining files. If at least one such nonfatal error occurs, tar should return a nonzero exit code.
- Installer is checking for a zero exit code. It will now stop if loading a tar file whose owner is not a valid user on the target machine.
- If you have this patch loaded, you may be unable to load some segment tapes produced by DISA CM.
- **Workarounds:** 1) rename tar files prior to loading patch segment and then copy them back later or 2) uninstall patch after patch segment is loaded



HP-UX 11.0 Kernel

- **4.2.0.0/P1 Kernel running on HP-UX 11.0 tested**
 - **Currently supports installation on clean machine only**
 - **Several 4.1 10.20 segments installed successfully**
 - **Oracle 8.05 segments for 10.20 not usable with 11.0 because of COTS version incompatibilities**
 - **Will be made available from JPL ftp site with IP, SVD, OS upgrade lessons learned**



Real Time Kernel

- **Real time beta kernel to be delivered to CM 10 April for Lynx OS 3.01 on Cetia VMPC5a board**
- **Delivery postponed from 27 March because of problems running Lynx OS 3.01 on Motorola MVME3604 board**
- **Software will be listed on the 4.2 build list as DII COE Real Time Toolkit RTTK 0.0.1.0**
- **Software will be made available from JPL ftp site to RT community**



DII COE Developers' Technical Exchange

- **Date: 23-24 May**
- **Location: Holiday Inn at Fair Oaks, 11787 Lee Jackson Memorial Highway, Fairfax, Virginia**
- **Focus is the as-built 4.x kernel, security policy, tools, JMTK, COP, ICSF**
- **Services/Agencies have been assigned slots and are responsible for managing them**
- **DISA POC is Carol (Parker) Koeppel, parker1c@ncr.disa.mil**



DII COE Web Site Change

- **DII COE web server has moved from CFI (Sterling) to DTIC (Fort Belvoir)**
- **The URL has changed from `spider.dii.osfl.disa.mil/dii/` to `diicoe.disa.mil/coe`**
- **A link for automatic redirection will be in place for 90 days from 6 April**
- **The Knowledge Net server has also moved, but its URL did not change (`www.knowledgenet.mil`)**



I&RTS 4.0 Change 1

- **Purpose: To correct errors, provide clarification, and update security information to match final 4.x policy**
- **No additions to or deletions from Appendix B; wording of existing items may change**
- **Change pages, not complete republication**
- **Delivery to DII COE Engineering Office planned for 22 May**



Proposed 4.1 Release Handling

- **No more patches to the 4.1 kernel**
 - Users should overlay 4.2 kernel, apply 4.2 patches
- **No additional segments added to 4.1 build list**
 - Users should install 4.2 segments
- **Segments already on 4.1 build list will continue to be tested**